What is claimed is:

1. A surface mounting surge absorber comprising:

a surge absorber element, constructed by affixing discharge electrodes with lead lines on both internal ends of a cylindrical housing, and having a chamber gap within the housing between said discharge electrodes adjusted by the fixed positions of said discharge electrodes so that desired discharge characteristics are obtained; and

surface mounting caps placed on both ends of said cylindrical housing; wherein

said surface mounting cap comprises:

a flange section for grabbing an outer peripheral end of said cylindrical housing and acting as a solder receiving section when said surface mounting cap is mounted on a surface;

a clear hole to which said lead line is inserted; and

a binding section provided around said clear hole for snapping onto said lead line.

2. A surface mounting surge absorber of claim 1, wherein said surface mounting cap is constructed from a material with springy characteristics.

3. A surge absorber of either claim 1 or 2, wherein a plurality of slits are provided at said flange section of the surface mounting

cap.

4. A surface mounting cap to be placed on the two ends of a surge absorber element, said surface mounting cap comprising:

a flange section for grabbing an outer peripheral end of said surge absorber element and acting as a solder receiving section when said surface mounting cap is mounted on a surface;

a clear hole to which the lead line of said surge absorber element is inserted; and

a binding section provided around said clear hole for snapping onto said lead line.